



76 Steaval D-150

76 Steaval D-150 is a heavy, non-compounded paraffinic mineral oil developed for steam cylinder and valve lubrication in applications that require a non-emulsifying oil, or where the steam is superheated.

Steaval D-150 is available in one viscosity grade: ISO 460. It is manufactured from highly refined, high-viscosity paraffinic base stocks and contains no additives. It forms a tough film on metal surfaces to protect against wear. It meets the viscosity requirements for use in applications that require an ISO VG 460 or SAE 140 straight mineral gear oil.

Applications

- Steam cylinders and valves in applications that require a non-compounded oil, or where the steam is superheated
- Paper mill calender roll bearings
- Steel mill roll neck bearings
- Rack and pinion gears and heavy mill gears
- Applications that require an ISO VG 460 or SAE 140 straight mineral gear oil

Features/Benefits

- High film strength
- Good retention on metal surfaces
- Noncorrosive to bronze or brass

**Non-Compounded
Steam Cylinder
Lubricant**

**Customer Service
Number:
1-888-766-7676**

**Technical Hot Line:
1-800-435-7761**

**E-mail Address:
76lubricants@
conocophillips.com**

www.76Lubricants.com

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079



76 Steaval D-150
Typical Properties

ISO Grade	460
Density, g/cm ³ @ 15.6°C (60°F)	0.902
Density, lbs/gal @ 15.6°C (60°F)	7.51
Color, ASTM D1500	L 5.0
Flash Point (COC), °C (°F)	300 (572)
Pour Point, °C (°F)	-6 (21)
Viscosity,	
cSt @ 40°C	490
cSt @ 100°C	31.6
SUS @ 100°F	2,631
SUS @ 210°F	155
Viscosity Index	95
Acid Number, ASTM D974, mg KOH/g	<0.01
Carbon Residue, ASTM D524, wt %	0.51
Copper Corrosion, ASTM D130	1a

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

Copyright © 2007 ConocoPhillips Company. The ConocoPhillips logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.